

List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT

Page 1 of 7

Applicant: Delduca et al.

Filing Date: 12/13/96

Group: 1302

12308

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>JWD</i>	C1	4,141,487	02/27/79	Faust et al.	229	43	
	C2	4,579,223	04/01/86	Otsuka et al.	206	204	
	C3	4,642,239	02/10/87	Ferrar et al.	426	396	
	C4	4,657,610	04/14/87	Komatsu et al.	156	87	
	C5	4,737,389	04/12/88	Hartsing, Jr. et al.	428	35	
	C6	4,762,722	08/09/88	Izumimoto et al.	426	124	
	C7	4,830,855	05/16/89	Stewart	424	448	
	C8	4,830,863	05/16/89	Jones	426	118	
	C9	4,842,875	06/27/89	Anderson	426	118	
	C10	4,876,146	10/24/89	Isaka et al.	428	347	
	C11	4,897,274	01/30/90	Candida et al.	426	127	
	C12	4,910,032	03/20/90	Antoon, Jr.	426	118	
	C13	4,923,703	05/08/90	Antoon, Jr.	426	118	
	C14	4,928,474	05/29/90	Schirmer	53	425	
	C15	4,943,440	07/24/90	Armstrong	426	118	
	C16	4,949,847	08/21/90	Nagata	206	484.1	
	C17	4,952,451	08/28/90	Mueller	428	218	
	C18	4,956,209	09/11/90	Isaka et al.	428	35.2	
	C19	5,045,331	09/03/91	Antoon, Jr.	426	118	
	C20	5,110,677	05/05/92	Barmore et al.	428	349	
	C21	5,112,674	05/12/92	German et al.	428	216	
	C22	5,120,349	06/09/92	Stewart et al.	71	93	
	C23	5,120,585	06/09/92	Sutter et al.	428	34.2	
<i>JWD</i>	C24	5,132,151	07/21/92	Graney	428	40	

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List of Patents and Publications for Applicant's  
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Page 2 of 7

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>JWD</i>	D1	5,145,950	09/08/92	Funaki et al.	528	481	
	D2	5,151,331	09/29/92	Beeson et al.	428	475.5	
	D3	5,171,593	12/15/92	Doyle	426	106	
	D4	5,211,875	05/18/93	Speer et al.	252	188.28	
	D5	5,226,735	07/13/93	Beliveau	383	103	
	D6	5,241,149	08/31/93	Watanabe et al.	219	10.55 E	
	D7	5,254,354	10/19/93	Stewart	426	106	
	D8	5,286,407	02/15/94	Inoue et al.	252	188.28	
	D9	5,296,291	03/22/94	Mueller	428	349	
	D10	5,310,497	05/10/94	VeSpeer et al.	252	188.28	
	D11	5,346,312	09/13/94	Mabry et al.	383	113	
	D12	5,346,644	09/13/94	Speer et al.	252	188.28	
	D13	5,364,669	11/15/94	Sumida et al.	428	1	
	D14	5,491,019	02/13/96	Kuo	428	213	
	D15	5,492,705	02/20/96	Porchia et al.	426	106	
	D16	5,510,166	04/23/96	Inoue et al.	428	76	
	D17	5,514,392	05/07/96	Garwood	426	106	
	D18	5,580,573	12/03/96	Kydonieus et al.	424	449	
	D19	5,585,129	12/17/96	Geddes et al.	426	394	
	D20	5,631,036	05/20/97	Davis	426	396	
	D21	5,638,660	06/17/97	Kuo	53	449	
	D22	5,639,815	06/17/97	Cochran et al.	524	413	
	D23	5,643,625	07/01/97	Perry et al.	426	395	
	D24	5,648,020	07/15/97	Speer et al.	252	188.28	
<i>JWD</i>	D25	5,667,863	09/16/97	Cullen et al.	428	68	

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List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT

Page 3 of 7

Applicant: Delduca et al.

Filing Date: 12/13/96

Group: 1302  
723 1236

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>JW</i>	E1	5,660,761	08/26/97	Katsumoto et al.	252	188.28	
	E2	5,665,822	09/09/97	Bitler et al.	525	92 C	
	E3	5,672,406	09/30/97	Challis et al.	428	136	
	E4	5,686,126	11/11/97	Noel et al.	426	127	
	E5	5,686,127	11/11/97	Stockley, III et al.	426	129	
	E6	5,698,250	12/16/97	DelDuca et al.	426	124	
	E7	5,700,554	12/23/97	Speer et al.	428	220	
	E8	5,711,978	01/27/98	Breen et al.	426	129	
	E9	1,475,396	11/27/23	Kestner	—	—	
	E10	1,679,543	08/07/28	T. M. Rector	99	181	
	E11	2,825,651	03/04/58	Ching C. Loo et al.	99	171	
	E12	3,419,400	12/31/68	L. J. Hayhurst et al.	99	171	
	E13	3,574,642	04/13/71	Weinke	99	174	
	E14	3,788,369	01/29/74	Killinger	141	114	
	E15	4,083,372	04/11/78	Boden	131	8	
	E16	4,127,503	11/28/78	Yoshikawa et al	252	429	
	E17	4,166,807	09/04/79	Komatsu et al	252	439	
	E18	4,192,773	03/11/80	Yoshikawa et al	252	429	
	E19	4,299,719	11/10/81	Aoki et al	252	188	
	E20	4,230,595	10/28/80	Yamaji et al	252	188	
	E21	4,317,742	03/02/82	Yamaji et al	252	188	
	E22	4,337,276	06/29/82	Nakamura et al	426	124	
	E23	4,366,179	12/28/82	Nawata et al	426	395	
<i>JW</i>	E24	4,384,972	05/24/83	Nakamura	252	188.21	

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List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT

Page 4 of 6

Applicant: Delduca et al.

Filing Date: 12/13/96

Group: 1302-1723 ~~1208~~

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
JWD	F1	4,406,813	09/27/83	Fujishima et al	252	188.28	
	F2	4,411,918	10/25/83	Cimino et al	426	124	
	F3	4,510,162	04/09/85	Nezat	426	124	
	F4	4,524,015	06/18/85	Takahashi et al	252	188.28	
	F5	4,536,409	08/20/85	Farrell et al	426	398	
	F6	4,564,054	01/14/86	Gustavsson	141	329	
	F7	4,588,561	05/13/86	Aswell et al	422	238	
	F8	4,645,073	02/24/87	Homan	206	219	
	F9	4,711,741	12/08/87	Fujishima et al	252	188.28	
	F10	4,740,402	04/26/88	Maeda et al	428	35	
	F11	4,762,722	08/09/88	Izumioto et al.	426	124	
	F12	4,769,175	09/06/88	Inoue	252	188.28	
	F13	4,820,442	04/11/89	Motoyama et al	252	188.28	
	F14	4,836,952	06/06/89	Nasu et al	252	188.28	
	F15	4,877,664	10/31/89	Maeda et al	428	35.9	
	F16	4,908,151	03/13/90	Inoue et al	252	188.28	
	F17	4,942,048	07/17/90	Nasu et al	426	271	
	F18	4,992,410	02/12/91	Cullen et al	502	407	
	F19	4,996,068	02/26/91	Hatakeyama et al	426	234	
	F20	5,085,878	04/04/92	Hatakeyama et al	426	107	
	F21	5,096,724	03/17/92	Zenner et al	426	124	
	F22	5,108,649	04/28/92	Matsumoto et al	252	188.28	
	F23	5,116,660	05/26/92	Komatsu et al	428	192	
	F24	5,124,164	06/23/92	Matsumoto et al	426	398	
JWD	F25	5,128,060	07/07/92	Ueno et al	252	184	

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List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT

Page 5 of 17

Applicant: Delduca et al.

Filing Date: 12/13/96

Group: 1302  
1723

## U.S. Patent Documents

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JWD	G1	5,135,787	08/04/92	Bair	428	36.1	
	G2	5,139,702	08/18/92	Carter et al	252	392	
	G3	5,143,763	09/01/92	Yamada et al	428	36.2	
	G4	5,143,769	09/01/92	Moriya et al	428	76	
	G5	5,153,038	10/06/92	Koyama et al	428	35.8	
	G6	5,158,537	10/27/92	Haak et al	604	20	
	G7	5,176,849	01/05/93	Hwa et al.	252	392	
	G8	5,176,930	01/05/93	Kannankeril et al	426	124	
	G9	5,183,573	02/02/93	Kreh et al.	210	697	
	G10	5,183,574	02/02/93	Hwa et al.	210	701	
	G11	5,183,848	02/02/93	Samuel et al.	525	57	
	G12	5,186,991	02/16/93	Samuel et al.	428	35.8	
	G13	5,194,315	03/16/93	Itoh	428	178	
	G14	5,202,052	04/13/93	Zenner et al	252	188.28	
	G15	5,204,389	04/20/93	Hofeldt et al.	524	72	
	G16	5,207,943	05/04/93	Cullen et al	252	188.28	
	G17	5,211,875	05/18/93	Speer et al.	252	188.28	
	G18	5,223,146	06/29/93	Kreh	210	698	
	G19	5,227,411	07/13/93	Hofeldt et al.	523	100	
	G20	5,236,617	08/17/93	Ueno et al	252	188.28	
	G21	5,242,111	09/07/93	Nakoneczny et al	239	47	
	G22	5,244,600	09/14/93	Cuisia et al.	252	396	
	G23	5,250,310	10/05/93	Fujino et al	426	124	
JWD	G24	5,258,537	11/02/93	Takeuchi et al.	556	467	

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Page 6 of 7

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1723

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<i>JWD</i>	H1	5,270,337	12/14/93	Graf	514	499	
	H2	5,284,871	02/08/94	Graf	514	499	
	H3	5,288,907	02/22/94	Sherwin et al.	564	301	
	H4	5,290,268	03/01/94	Oliver et al	604	359	
	H5	5,310,497	05/10/94	Ve Speer et al.	252	188.28	
	H6	5,320,598	06/14/94	Haak et al	604	20	
	H7	5,322,701	06/21/94	Cullen et al.	426	124	
	H8	5,332,590	07/26/94	McKedy	426	398	
	H9	5,346,644	09/13/94	Speer et al.	252	188.28	
	H10	5,350,622	09/27/94	Speer et al.	428	215	
	H11	5,362,531	11/08/94	Samuel et al.	428	36.6	
	H12	5,364,555	11/15/94	Zenner et al	252	188.28	
	H13	5,378,428	01/03/95	Inoue et al	422	9	
	H14	5,399,289	03/21/95	Speer et al.	252	188.28	
	H15	5,418,112	05/23/95	Mirle et al.	430	269	
	H16	5,422,366	06/06/95	Mintzis et al.	514	474	
	H17	5,425,896	06/20/95	Speer et al.	252	188.28	
	H18	5,430,098	07/04/95	Samuel et al.	525	57	
	H19	5,443,727	08/22/95	Gagnon	210	490	
	H20	5,492,742	02/20/96	Zenner et al	428	35.2	
	H21	5,498,364	03/12/96	Speer et al.	252	188.28	
<i>JWD</i>	H22	5,529,833	06/25/96	Speer et al.	428	215	

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Page 7 of 7

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Group: 1302

1723

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## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name COUNTRY	Class	Sub Class	Translation Yes/No
JWD	I1	EP 457457	04/30/91	EPPO	51		X
	I2	92/4298	06/12/92	REPUBLIC OF De Muckermann et al. SOUTH AFRICA	B65E	A23E	X
	I3	JP 06343815	12/20/94	JAPAN			X
JWD	I4	JP 06278774	10/04/94	JAPAN			X

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
JWD	I5	List of Oxygen Absorber References, p. 1-32, Undated
	I6	Leward, D.A., "Metmyoglobin Formation in Beef Stored in Carbon Dioxide Enriched and Oxygen Depleted Atmospheres," Journal of Food Science Volume 35 pp. 33-37 (1970)
	I7	Gill, C. O., et al., "The Use of Oxygen Scavengers to Prevent Transient Discolouration of Ground Beef Packaged Under Controlled, Oxygen-depleted Atmospheres," Meat Science, Volume 41, No. 1, pp. 19-27, (1995)
JWD	I8	Gill, C. O., "Extending the Storage Life of Raw Chilled Meats," Elsevier Science Ltd., S99-S109 (1990)

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